

**AGENCY REQUEST FOR  
A/E SELECTION COMMITTEE ACTION  
April 2014**

**AGENCY:** Department of Natural Resources

DNR Contact: Glen Clickner, 608.267.4585/glen.clickner@wisconsin.gov

**LOCATION:** Wyalusing State Park, Village of Bagley, Grant County

**PROJECT REQUEST:** Select an A/E consulting firm to provide design and construction phase professional services associated with the design and construction of mitigation efforts for Long Valley Road in Wyalusing State Park. The A/E fees will be funded with Agency Cash.

**PROJECT NUMBER:** 14B3A

**PROJECT DESCRIPTION:**

Long Valley Road in Wyalusing State Park suffered severe damage in June, 2013 due to rock and earthen debris slides due to a large rain event. Earthen debris flowed through swales and ravines and clogged and damaged culverts and overtopped and eroded the roadway. A FEMA claim was executed for damage and restoration efforts have included three scopes of work:

1. Emergency cleanup work in order to reopen the road to the public. This work has been completed.
2. Removal of earthen debris from the ravines. This work will be completed during 2014.
3. Mitigation efforts to improve six water crossings consisting of existing culverts under Long Valley Road. This project focuses on these mitigation efforts.

The DNR hired MSA Professional Services, Inc. under their A/E on call contract to provide a conceptual mitigation solution at each of the six locations, and to provide corresponding cost estimates so DNR could apply for mitigation funds from FEMA. DNR and FEMA had to tailor these conceptual solutions and estimates because of budgetary constraints. Now that these constraints have been established, the DNR would like to proceed with a study of the problem area and have a revised mitigation plan for the six areas.

DNR will work with an A/E to propose permanent solutions for the six water crossings. This will include scoping, preliminary design, cost estimates, and coordination with FEMA, as needed, in order to proceed to a final plans and construction documents in the future.

**JUSTIFICATION:**

During all rain events and especially major rain events as experienced in 2008 and 2013, stormwater flows and undermines existing rocky soils. The rocky debris collects in the existing ravines and swales and the steep slopes. The high water velocities contribute to the erosion and earthen debris collecting downstream. During large events, this debris collects at roadway crossings which are relatively flat and more constrictive than the ravine. The debris regularly blocks and damages existing culverts (18" diameter – 48" diameter) and deposits on the road at these roadway crossings. After each rain event, the situation gets worse as there is less volume in the ravines, swales, and culverts to carry future stormwater.

In June 2013, a large rain event caused major debris movement and damaged Long Valley Road at six water crossing locations. The road and a public boat access were temporarily closed. A claim for damage was filed with FEMA. Emergency restoration allowed the road to be reopened to the public after a few weeks, but the existing road and culverts have sustained damage at these six locations. FEMA has authorized the DNR to proceed with mitigation efforts at these locations to prevent further damage to the road and to improve this reoccurring problem.

**PROJECT BUDGET:**

Construction	
Design	
Reimbursables (geotech, survey, util. assessment)	
Moveable equipment	
DFD Mgt.	
Contingency	
TOTAL	\$268,100

**PROJECT SCHEDULE:**

A/E Selection	April 2014
A/E Contract	May 2014
A/E Final Deliverables	August 2014
SBC Approval	TBD
Bid Opening	TBD
Substantial Completion	TBD
Construction Start	TBD
Project Closeout	TBD

**A/E QUALIFICATIONS:** The A/E design firm for this project shall have experience in planning, design, and construction for water control and storm water drainage.